

HISTORY KEPT YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	<b>ILLINOIS HIGHWAY INFORMATION SYSTEM</b> <b>STRUCTURE INFORMATION AND PROCEDURE MANUAL</b>		
NBIS REQUIRED YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	ITEM NAME <b>MAIN STRUCTURE TYPE</b>	ITEM NO. <b>43B</b> PAGE <b>1 of 2</b> EFF. DATE <b>07/01/02</b>	
	ISIS	MMIS	
RESPONSIBLE FOR UPDATE	<b>District Program Development</b>	<b>N/A</b>	
STRUCTURES	<b>All</b>	<b>N/A</b>	
UPDATE SCREENS	<b>(1) Add New Structure</b> <b>(2) General Inventory 1</b>	<b>N/A</b>	
INQUIRY SCREENS	<b>(1) Inventory Data 1</b>	<b>(1) Inventory Data 1 of 3</b>	

**DESCRIPTION AND PURPOSE OF ITEM**

This item identifies the predominant type of structure used in the main structure. This includes all spans of most bridges (but the major unit only of sizable structures), or a unit of the structure with a different design and/or material from the approach spans. The major unit is usually the portion that spans the obstruction being crossed over and may consist of multiple spans with only one design and material type. Refer to Appendix C, Figures 2.01 - 2.15.

**CODE AND SCREEN ENTRY INSTRUCTIONS**

A two-digit field.

Enter the code for the predominant structure type of the main structure.

<u>Code</u>	<u>Description</u>	<u>Code</u>	<u>Description</u>
01	Slab	16	Movable – Bascule
02	Multi-beam	17	Movable – Swing
03	Deck Girder (Load Path Non-Redundant System)	18	Tunnel
04	Tee Beam	19	Culvert
05	Box beam - Multiple Adjacent	20	Pipeline
06	Box beam - Single or Spread	21	Toll Plaza
07	Rigid Frame & 3-Sided Structure	22	Tollway Restaurant (Overhead)
08	Orthotropic	23	Pedestrian Overpass
09 *	Truss - Deck (non-specific)	24	Thru Girder
10 *	Truss - Thru & Pony (non specific)	25	Arch-Deck, Open Spandrel
11	Arch - Deck, Filled Spandrel	26	Low Water Crossing
12	Arch - Thru	00 **	Other
13	Suspension	28	Segmental Box Girder
14	Cable Stayed (formerly Stayed Girder)	29	Channel Beam
15	Movable – Lift	30-70	Specific Truss Types. See descriptions on page 2 of 2 for Item 43B.

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\* Use codes 30 through 70 in place of codes 09 and 10. Codes 09 and 10 are obsolete and are shown here only for historical reference.

\*\* Code 00 (structures coded as "Other"): Record a description of the structure type in the "Bridge Remarks" field (Item 8) at the bottom of update screen General Inventory 1.

# ILLINOIS HIGHWAY INFORMATION SYSTEM

## STRUCTURE INFORMATION AND PROCEDURE MANUAL

ITEM NAME <b>MAIN STRUCTURE TYPE</b>	ITEM NO. <b>43B</b>
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### Specific Truss Types

<u>Code</u>	<u>Type</u>
<b>*** <u>Pony Trusses</u> ***</b>	
30	Pratt Pony - Eyebar
31	Pratt Pony - Riveted
32	Pratt Half-hip Pony
33	Truss Leg Bedstead - Eyebar
34	Truss Leg Bedstead - Riveted
35	Warren Pony
36	Modified Warren Pony
37	Quadrangular Warren (Lattice, Double Intersection Warren)
38	King Post or Queen Post
<b>*** <u>Thru Trusses</u> ***</b>	
50	Pratt Through - Eyebar
51	Pratt Through - Riveted
52	Parker - Eyebar
53	Parker - Riveted
54	Camelback - Eyebar
55	Camelback - Riveted
56	Double Intersection Pratt (Whipple)
57	Pennsylvania (Petit)
58	Continuous
59	Cantilever (Suspended Span)
<b>*** <u>Deck Trusses</u> ***</b>	
60	Pratt Deck - Eyebar
61	Pratt Deck - Riveted
62	Warren
63	Continuous
64	Cantilever (Suspended Span)
70	Other Unclassified Trusses

Refer to Appendix I, Figures 2.13 through 2.15, for illustrations.